

GREEN LIGHT FOR DEMONSTRATING LIVING CESTODE OVA

By projecting the light from a small arc through two screens, one of Picric Acid yellow and one of Methyl Blue blue, a green light was obtained which gave a peculiarly sharp definition to the details of living Cestode ova. The eggs were studied on a slide under either low or high power. This light has been used in connection with the demonstration of the eggs of *Dipylidium caninum*, *Tænia crassicolis* and *Hymenolepis nana*. The color screens were prepared by staining lantern slide plates, after dissolving out the silver with Hypo from the unexposed plate, in either a weak solution of Picric acid or Methyl Blue. In each case the film was stained until it showed a distinct color when washed in water.

University of Colorado.

M. M. ELLIS.

A NEW METHOD OF STAINING TISSUES CONTAINING NERVES

Captain Sydney M. Cone, M. D. (J. Am. Med. Assn., Jan. 19, 1918) proposes the following method for nerves, which he says is excellent in bringing out axis cylinder and medullary sheaths, being approached only by Bielschowsky's Axis Cylinder stain. The latter requires days, and does not give contrast staining.

(1) Harden in 4% formaldehyde for 6 days; (2) carry thru graded alcohols to ether and absolute alcohol; (3) embed in celloidin and cut 10-20 microns, washing in water; (4) stain 15 minutes in carbol fuchsin, washing rapidly in water; (5) place in 1% osmic acid 5 minutes; (6) wash rapidly, and stain for 1 minute in 50% aqueous solution of safranin; (7) place in 1% acid alcohol 1 minute; and in 95% alcohol for 2 minutes; (8) place in absolute alcohol and clove oil alternately until sections appear deep pink and translucent; (9) place in xylene 2 minutes, and mount in Canada balsam.

Paraffin sections sometimes stain fairly well, but it is not safe, as xylene used to remove the paraffin before staining interferes with the process. The formaldehyde hardening is essential for the success of the stain.

[I wonder whether terpineol could not be used here, or bergamot, or naphtha, or even toluol. It would be a good thing if labora-